Abstract of the Disclosure

In a voice-application creation and deployment architecture, a system for preprocessing text strings for VXML view generation and subsequent voice rendering has a text-to-speech preprocessing logic; a software table accessible to the preprocessing logic, the table for serving text dialog options related to one or more text entities; a rules base for serving dialog selection constraints; and a data store for storing the dialog options and text entities. In a preferred embodiment the preprocessing logic accesses the software table during client interaction with a deployed voice application and selects a specific dialog option from more than one dialog options related to a single text entity and inserts the selected option into the VXML page rendering process, the selection made according to the served constraints.